

FIG-3b

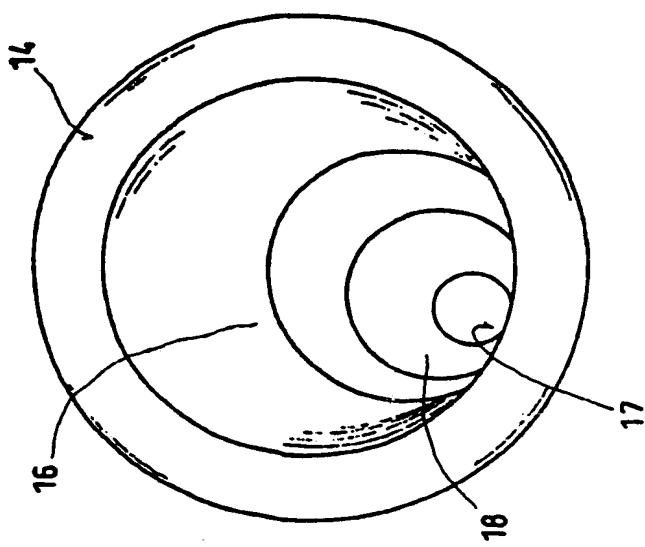


FIG-3a

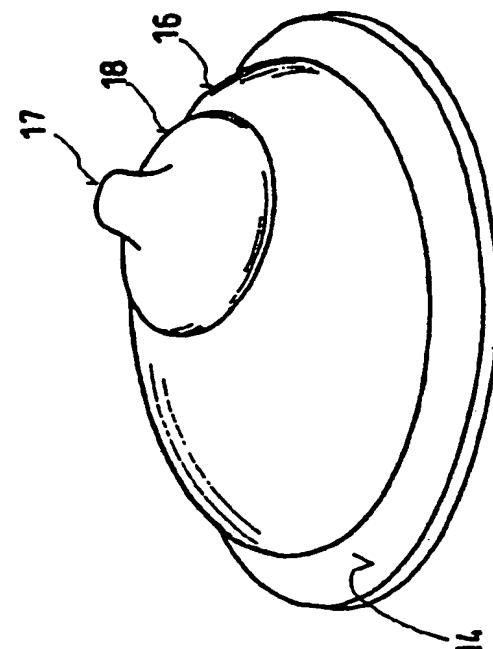
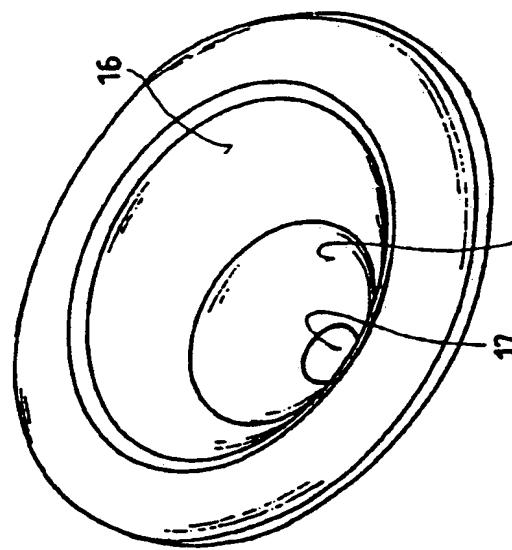


FIG-3c



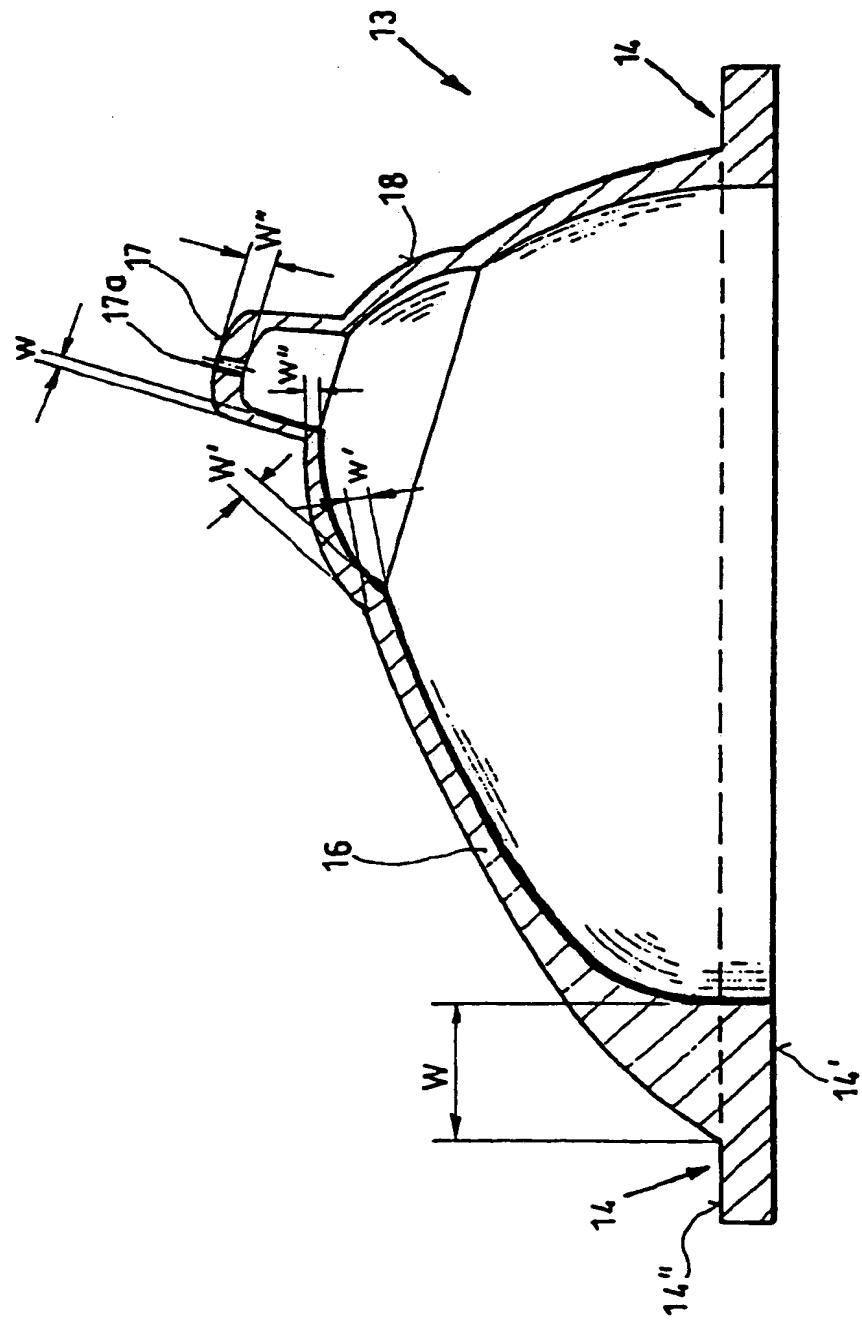


FIG-3d

4/17

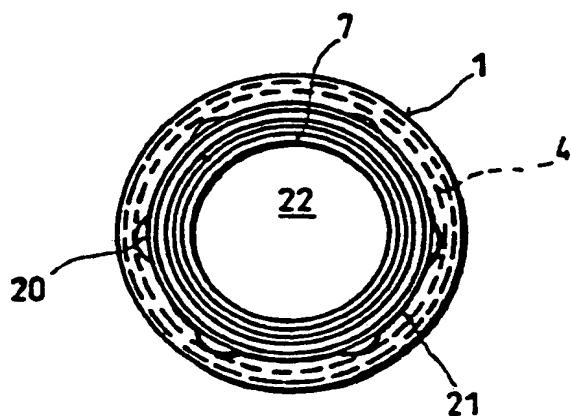


FIG-4

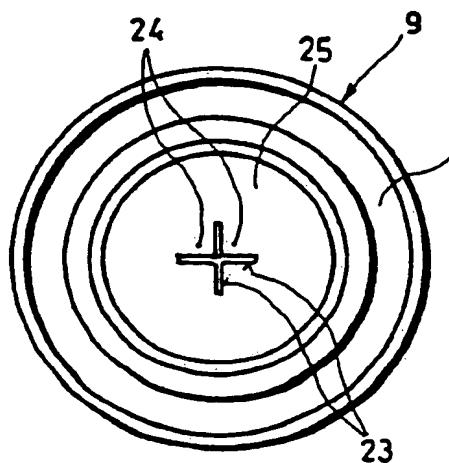


FIG-5

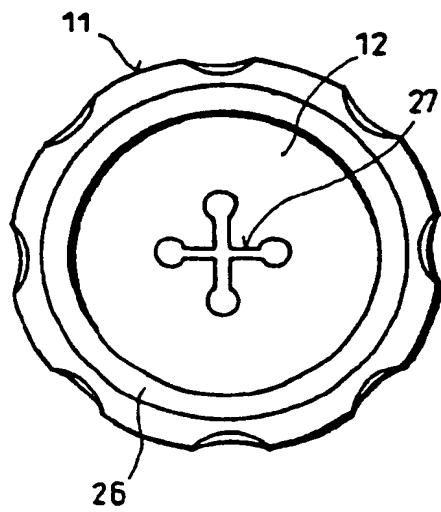


FIG-6

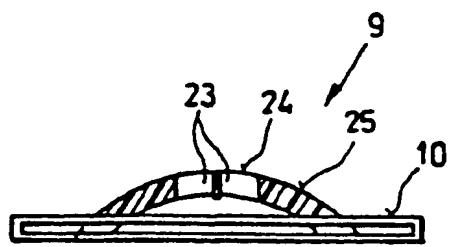


FIG-7

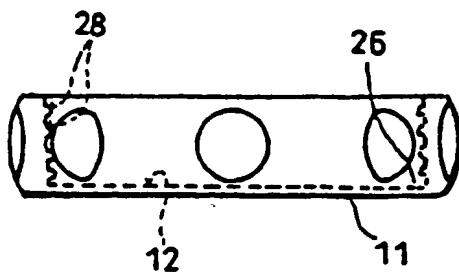


FIG-8

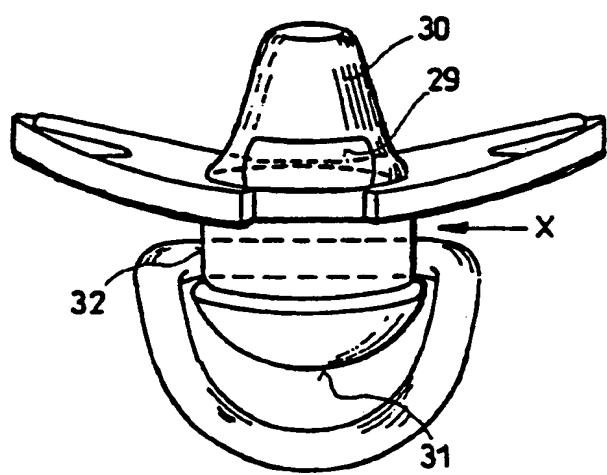


FIG-9

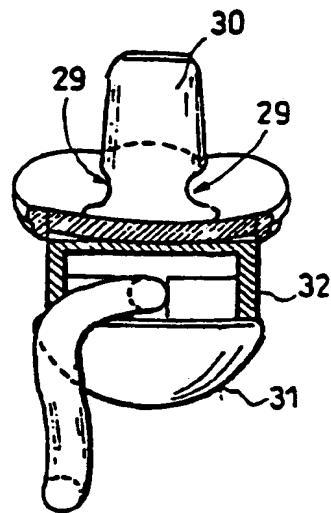


FIG-10

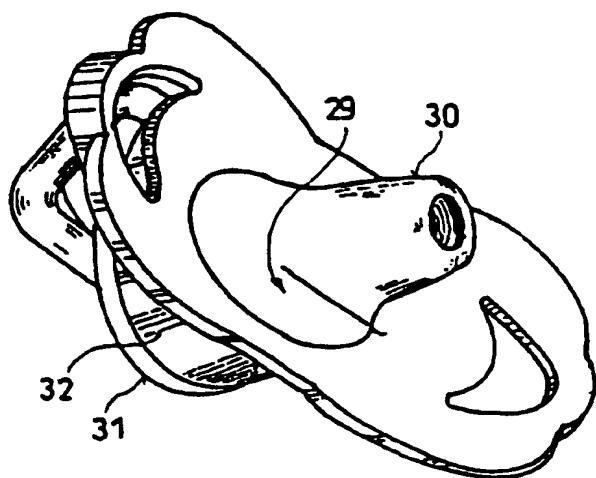


FIG-11

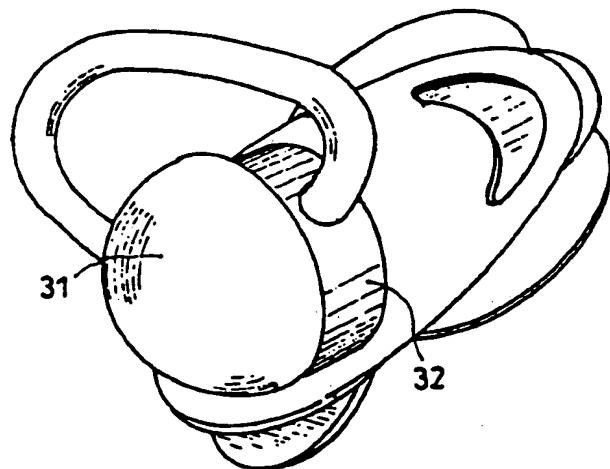


FIG-12

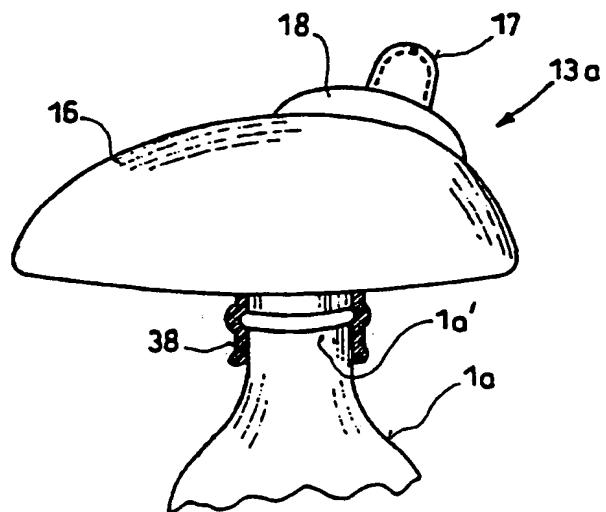


FIG-14

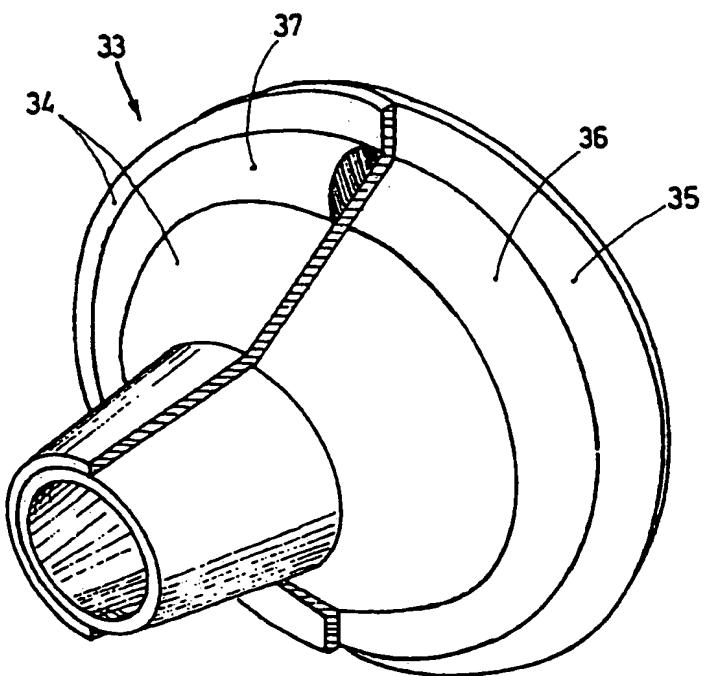


FIG-13

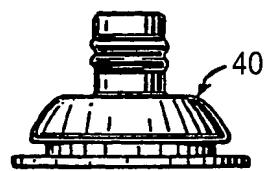


FIG-15

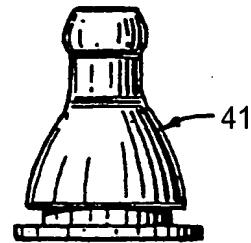


FIG-16

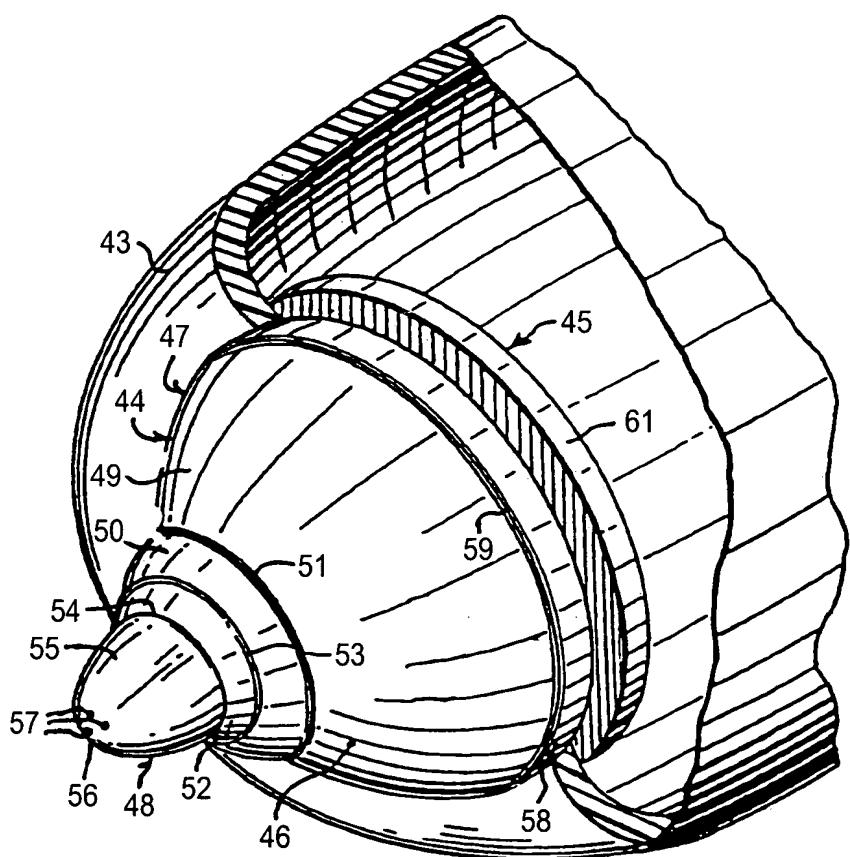


FIG-17

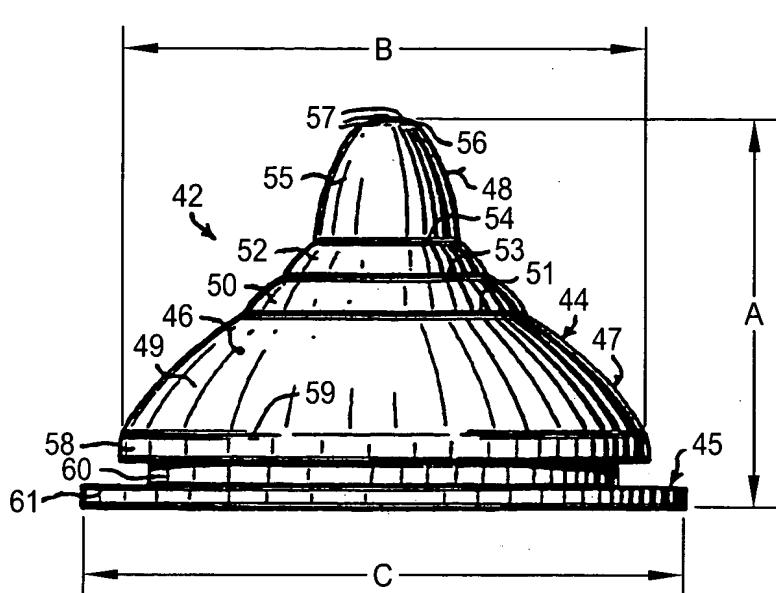


FIG-18

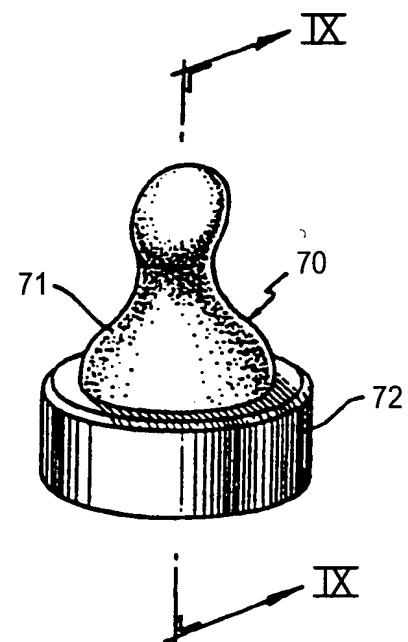


FIG-19

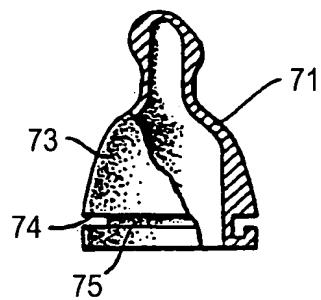


FIG-20

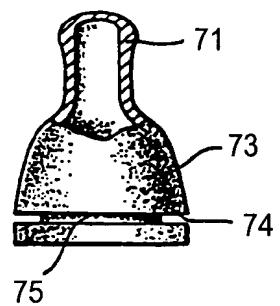


FIG-21

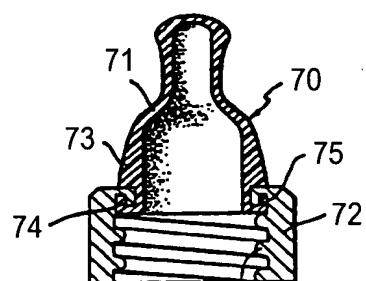


FIG-22

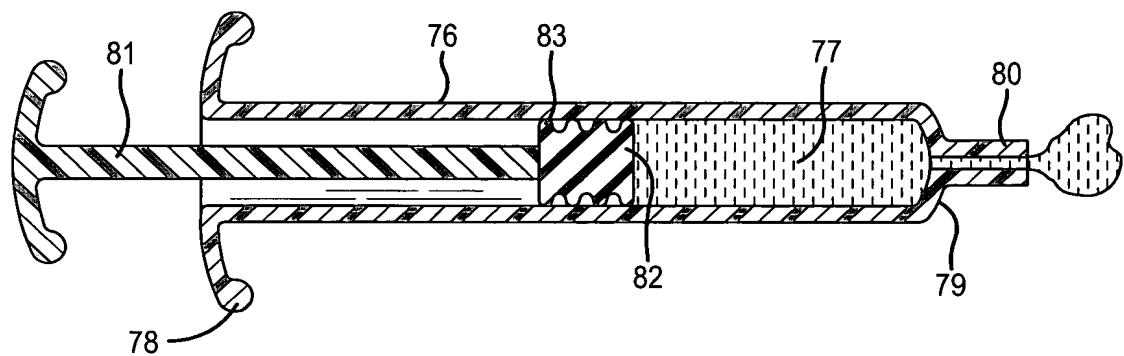


FIG-23

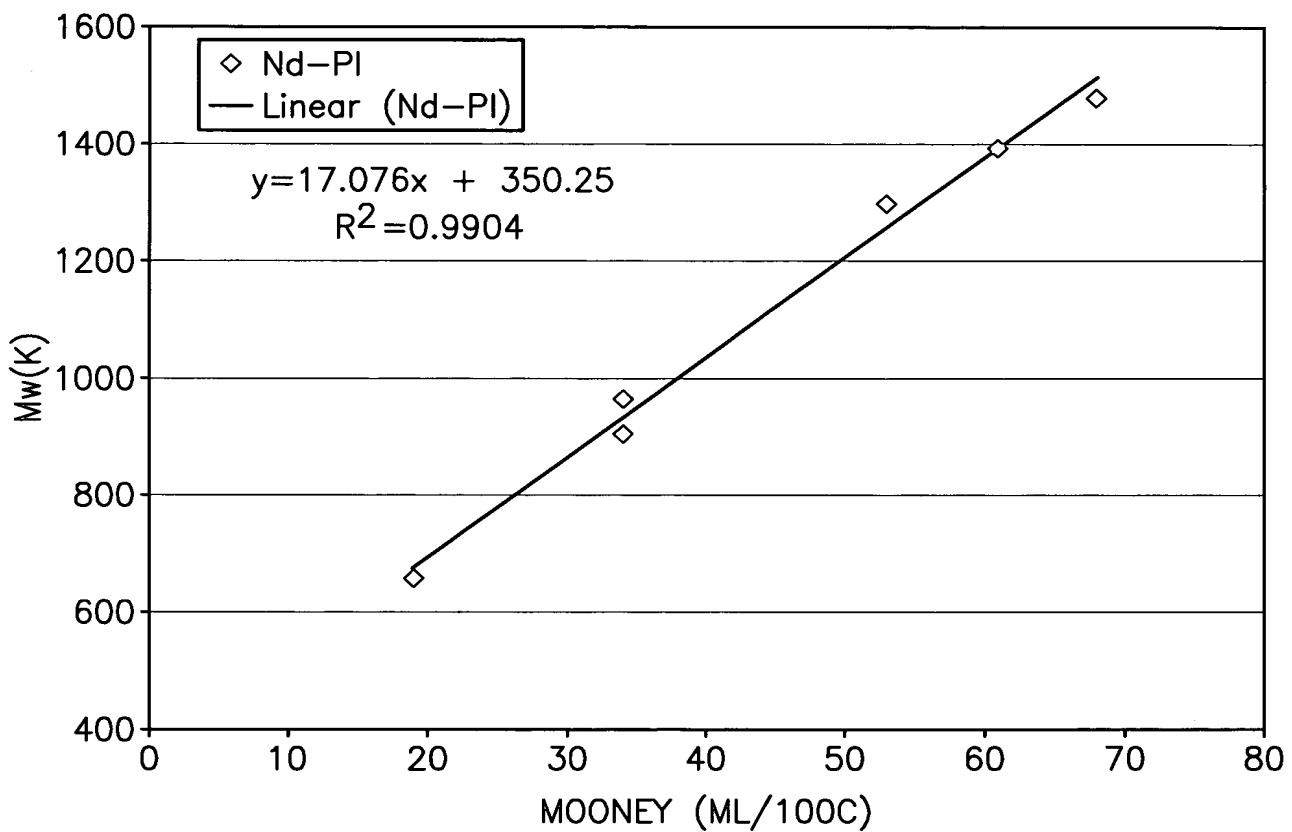


FIG-24

Linear Correlation between Mooney Viscosity and Molecular Weight

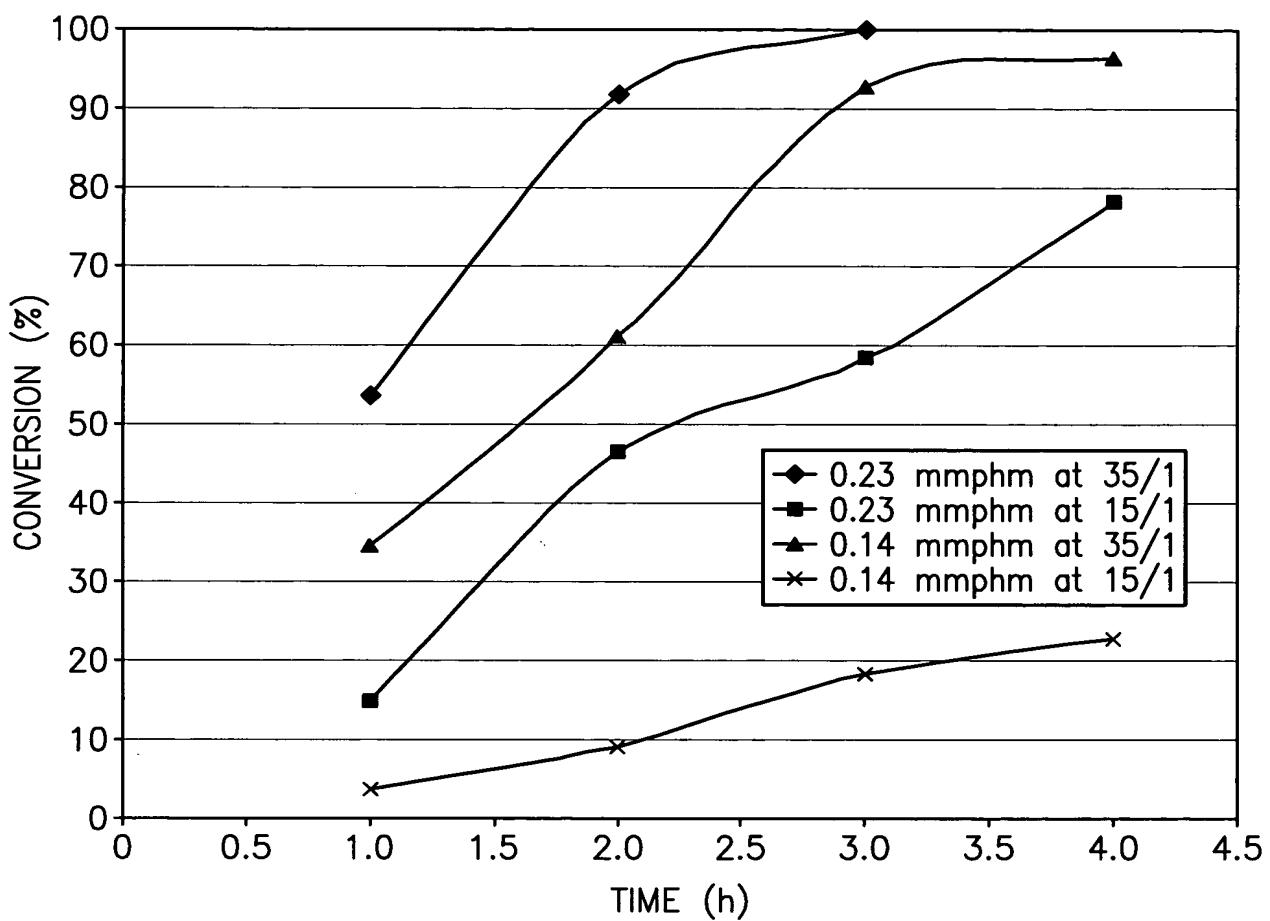


FIG-25
Conversion vs Time at Various Nd Levels and
TIBA Ratios

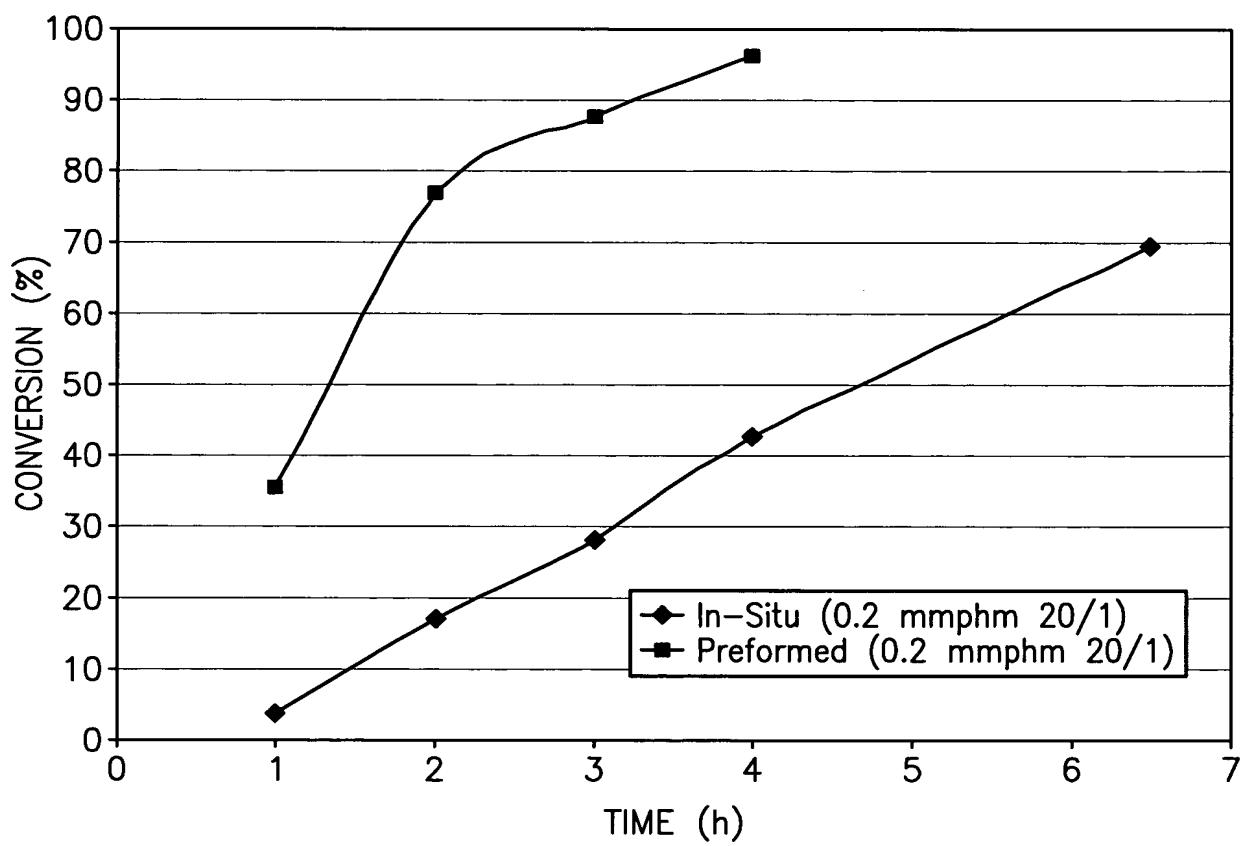


FIG-26

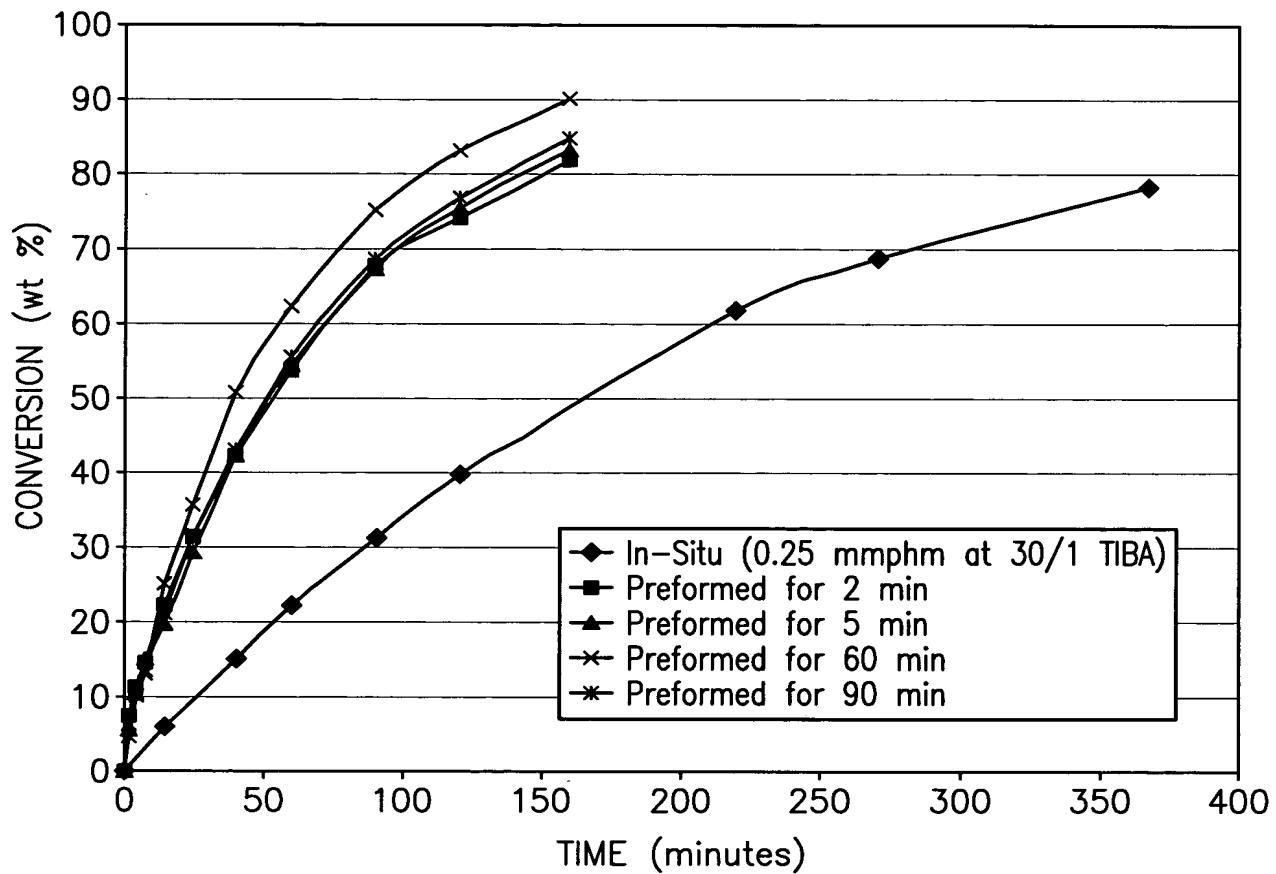


FIG-27
Dependence of Activity on Aging Time in
Preformed Catalyst

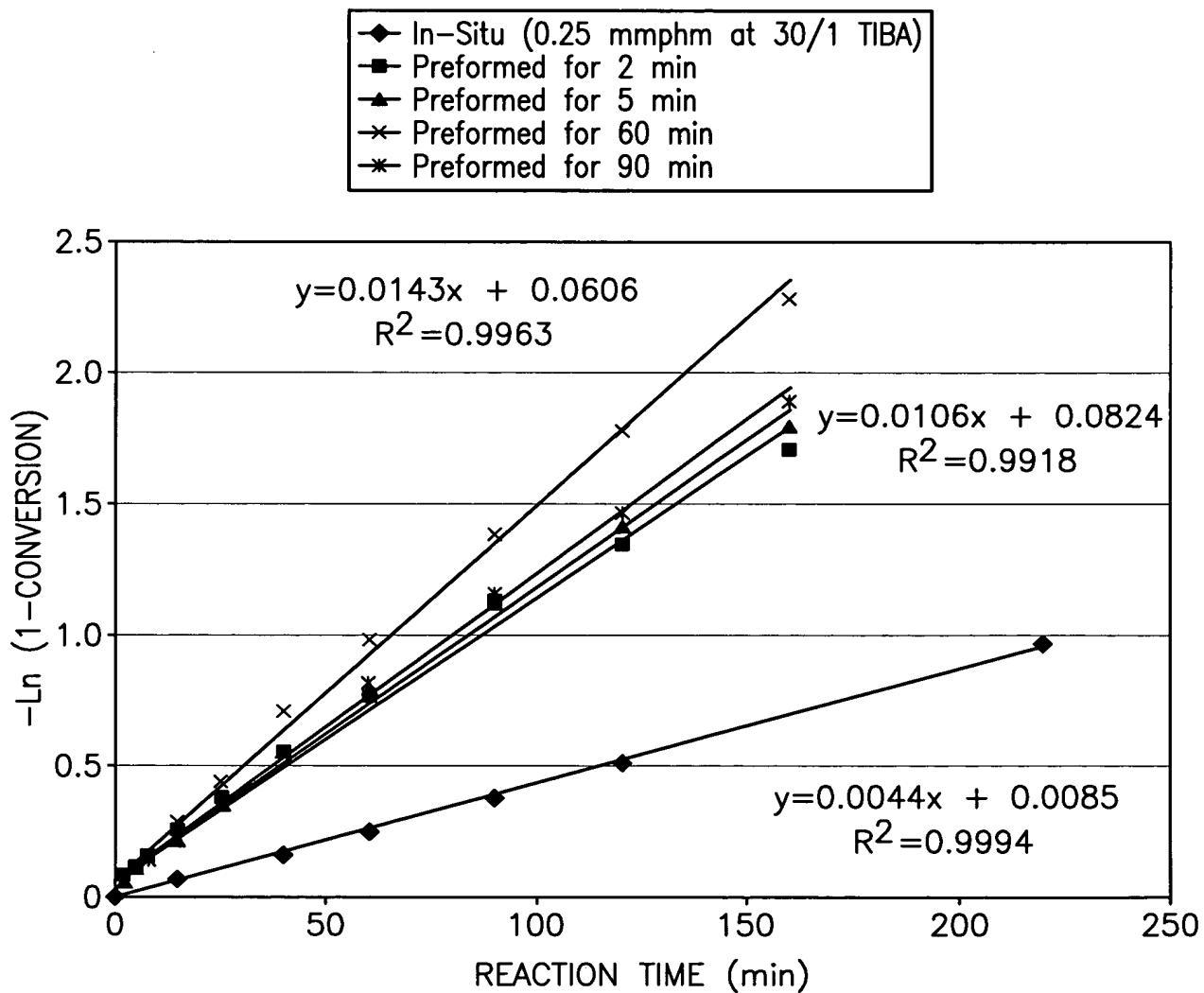


FIG-28
First Order Rate Plots

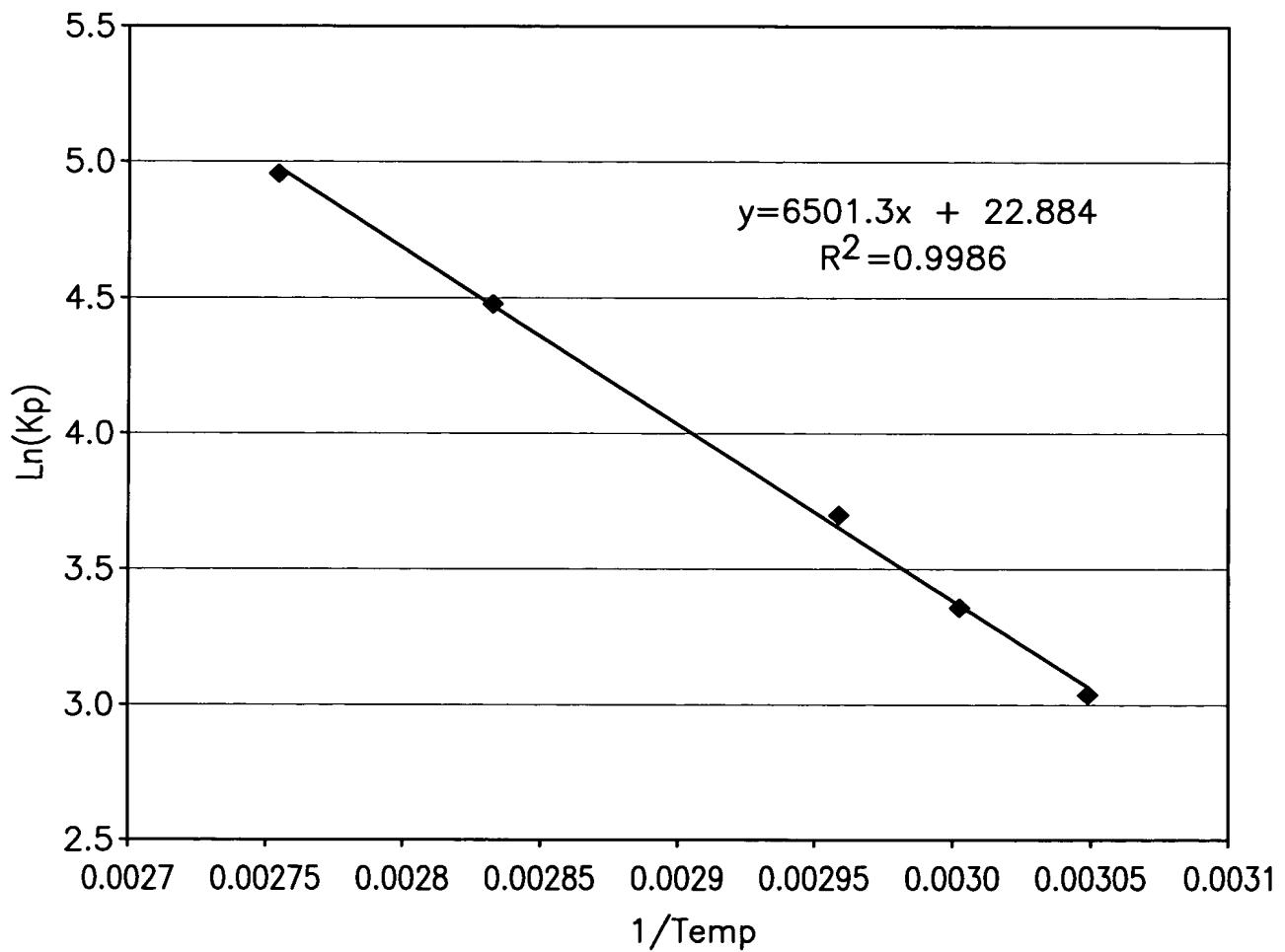


FIG-29

Isoprene Homopolymerization Activation Energy

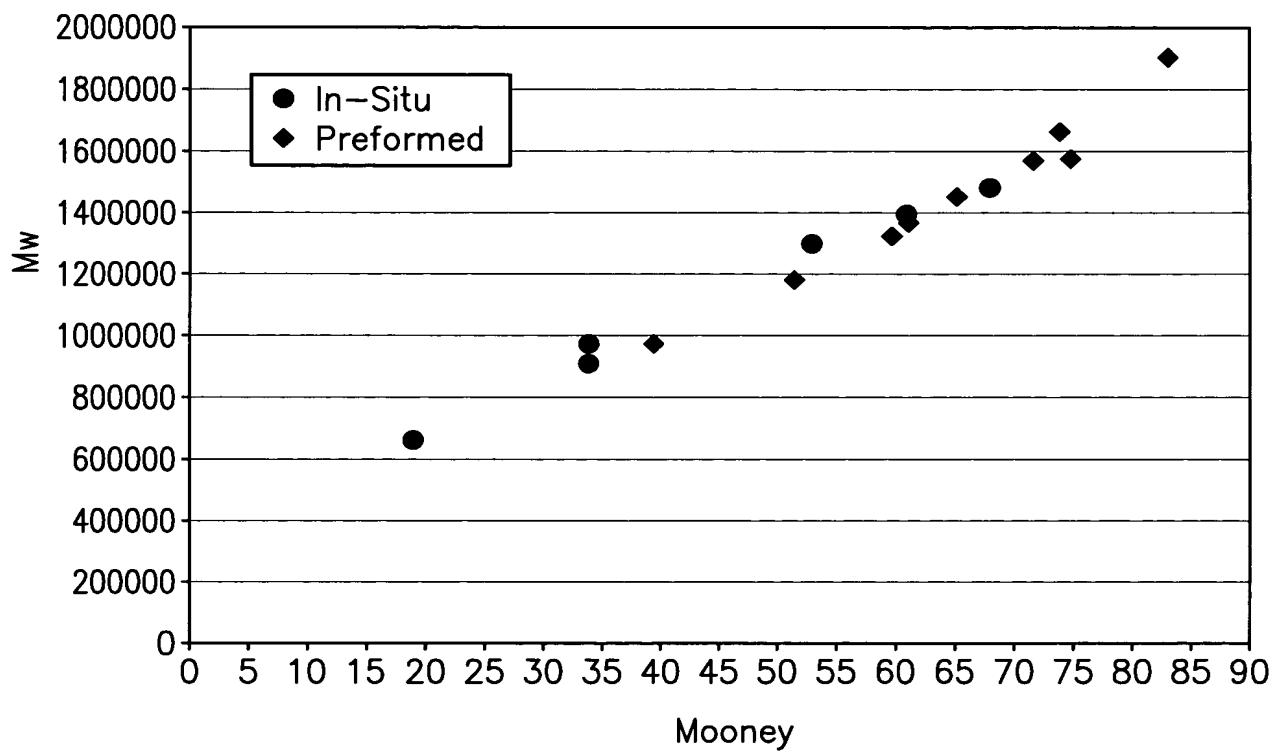
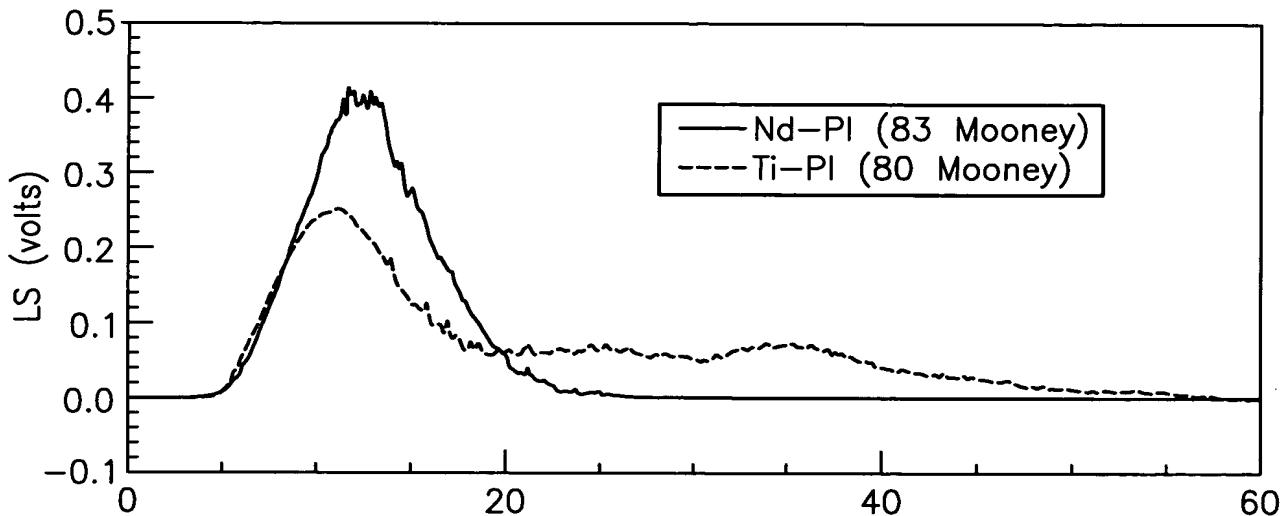


FIG-30

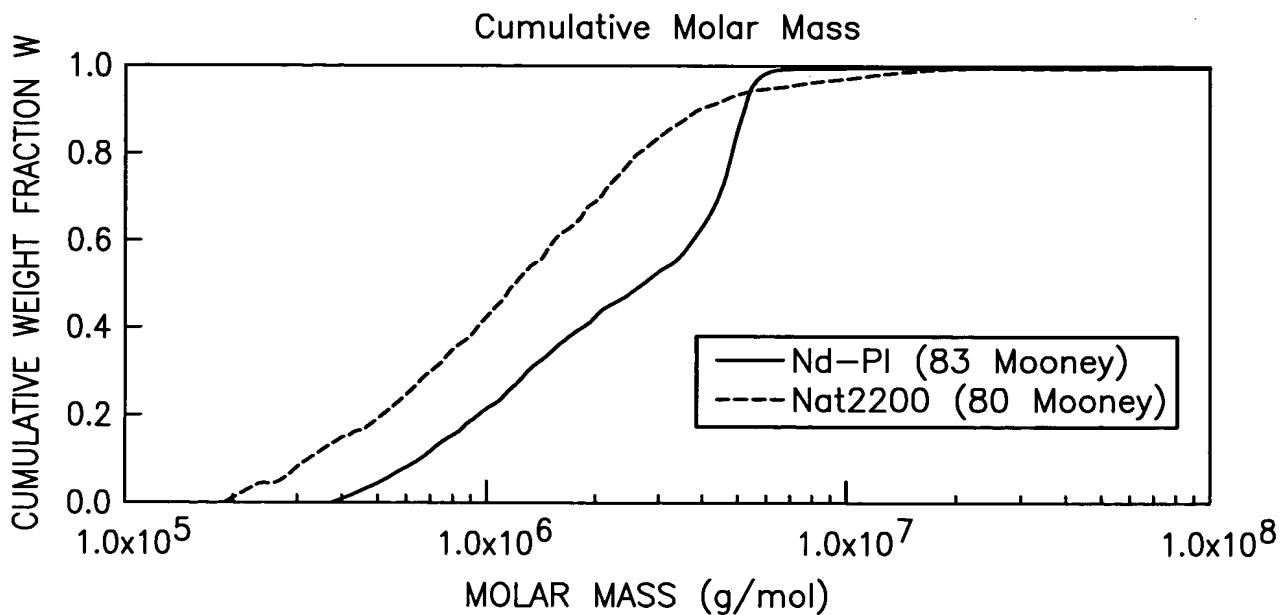
**Comparison of Mooney vs Molecular Weight between
In-Situ and Preformed Catalysts**

Chromatograms



Light scattering response versus Time between Nd-PI and Ti-PI

FIG-31



Cumulative weight fraction versus molar mass between Nd-PI and Ti-PI

FIG-32